

Three Letter Pacemaker Designation

- first letter designates the pacing chamber(s) A=atrium, V=ventricle, D=both
- second letter designates the sensing chamber(s) A=Atrium V=Ventricle D=both
- third letter designates the type of pacing T= trigger mode I=inhibit D=both
trigger mode always paces, inhibit mode paces only if needed.

Cardiac Pacemakers

A00/V00:

Paces either atrium or ventricle at a preset frequency.

AAT, VVT:

Senses atrium (ventricle) and always paces atrium (ventricle), whether or not pacing is needed. If no atrium (ventricle) electrical activity is sensed after a set time, then a stimulus is given.

AAI, VVI:

Senses atrium (ventricle) and will not give a stimulus if intrinsic atrium (ventricle) wave occurs. If no wave occurs, a stimulus is provided.

VAT:

Senses atrium and delivers stimulus to ventricle on every beat. If no atrial wave occurs will still provide ventricular stimulus.

DVI:

Senses ventricle activity and can stimulate just the atrium, atrium and ventricle or just the ventricle. If ventricular activity is present then no stimulation.

VDD:

Senses both atrium and ventricle and can deliver stimulus to ventricle if required. Capable of either demand mode or trigger mode.

DDD:

Senses both atrium and ventricle, can stimulate atrium, ventricle or both, can work on demand and also trigger mode.

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